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NO FEE SECTOR \$

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Su-Jong JUNG

Serial No.: 09/611,957

Filed: 6 July 2000

For: *METHOD FOR ENHANCING THE IMAGE QUALITY OF AN IMAGE FORMING APPARATUS*



Examiner: T. CAMP

Art Unit: 2721

To Be Assigned

2622

2721  
SEP 19 2000  
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**RESPONSE TO NOTICE TO FILE MISSING PARTS**

The Assistant Commissioner  
of Patents  
Washington, D.C. 20231

Sir:

In response to the Notice to File Missing Parts dated 23 August 2000, Applicant submits herewith the following items:

- Copies of Fee transmittal and Check No. 37107 in the amount of \$820.00
- Transmittal of Declaration and Declaration signed by the inventor

Also, enclosed is a copy of post card dated 16 August 2000 attesting to filing and receipt of the above-listed items by the U.S. Patent & Trademark Office.

Accordingly, there are no parts missing in the above-captioned application. The U.S. Patent & Trademark Office is respectfully requested to issue an Official Filing Receipt. Should any fee remain due and owing however, the Commissioner is authorized to charge Deposit Account No. 02-4943 of Applicant's undersigned attorney of record.

Respectfully submitted,

Robert E. Bushnell

Reg. No.: 27,774

Attorney for the Applicant

1522 "K" Street, N.W., Suite 300  
Washington, D.C. 20005  
(202) 408-9040

Folio: P56147  
Date: 9/5/00  
I.D.: REB/x1

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## FORMALITIES LETTER



\*OC000000005348460\*

UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark OfficeAddress: COMMISSIONER OF PATENT AND TRADEMARKS  
Washington, D.C. 20231

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/611,957	07/06/2000	Su-Jong Jung	P56147

Robert E Bushnell  
Suite 300  
1522 K Street NW  
Washington, DC 20005-1202



Date Mailed: 08/23/2000

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## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.

*A copy of this notice MUST be returned with the reply.*

*Chin Yu Cetin*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

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**FEE TRANSMITTAL**

Patent fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§1.27 and 1.28.

**Complete If Known**

Application Number	09/611,957
Filing Date	6 July 2000
First Named Inventor	Su-Jong JUNG
Examiner Name	To be Assigned
Group/Art Unit	To be Assigned

TOTAL AMOUNT OF PAYMENT (\$ 860.00)

Attorney Docket No. P56147

**METHOD OF PAYMENT (check one)**

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number: 02-4943  
 Deposit Account Number: \_\_\_\_\_

- ☐ Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17. ☐ Charge the Issue Fee Set in 37 C.F.R. §1.18 at the Mailing of the Notice of Allowance.

**2. ☒ Payment Enclosed:**

CHECK Nos. 37107 &amp; 37108

**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	690	201	345	Utility filing fee	\$690.00
106	310	206	155	Design filing fee	\$
107	480	207	240	Plant filing fee	\$
108	760	208	380	Reissue filing fee	\$
114	150	214	75	Provisional filing fee	\$
<b>SUBTOTAL (1)</b>				<b>(\$)</b>	<b>690.00</b>

**2. EXTRA CLAIM FEES**

	Extra Claims	Fee from below	Fee Paid
Total claims	6	x 18	= \$0.00
Independent Claims	3	x 78	= \$0.00
Multiple Dependent			=

\*\* or number previously paid, if greater; For Reissues, see below

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
103	22	203	11	Claims in excess of 20
102	82	202	41	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	82	209	41	** Reissue independent claims over original patent
110	22	210	11	** Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2)</b>				<b>(\$)</b> <b>.00</b>

**3. ADDITIONAL FEES**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
105	130	205	65	Surcharge-late filing fee or oath	\$130.00
127	50	227	25	Surcharge-late provisional filing fee or cover sheet	\$
139	130	139	130	Non-English specification	\$
147	2,520	147	2,520	For filing a request for reexamination	\$
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	\$
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	\$
115	110	215	55	Extension for reply within first month	\$
116	400	216	200	Extension for reply within second month	\$
117	950	217	475	Extension for reply within third month	\$
118	1,510	218	755	Extension for reply within fourth month	\$
128	2,060	228	1,030	Extension for reply within fifth month	\$
119	310	219	155	Notice of Appeal	\$
120	310	220	155	Filing a brief in support of an appeal	\$
121	270	221	135	Request for oral hearing	\$
138	1,510	138	1,510	Petition to institute a public use proceeding	\$
140	110	240	55	Petition to revive - unavoidable	\$
141	1,320	241	660	Petition to revive - unintentional	\$
142	1,320	242	660	Utility issue fee (or reissue)	\$
143	450	243	225	Design issue fee	\$
144	670	244	335	Plant issue fee	\$
122	130	122	130	Petitions to the Commissioner	\$
123	50	123	50	Petitions related to provisional applications	\$
126	240	126	240	Submission of Information Disclosure Statement	\$
581	40	581	40	Recording each patent assignment per property (Times number of properties)	\$40.00
146	790	246	395	Filing a submission after final rejection (37 C.F.R. §1.129(a))	\$
149	790	249	395	For each additional invention to be examined (37 C.F.R. §1.129(b))	\$
Other Fee (specify) _____				\$	
Other Fee (specify) _____				\$	

\*\* Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)****SUBMITTED BY****Complete (if applicable)**

Typed or Printed Name

Robert E. Bushnell Esq.

Reg. Number

27,774

Signature

Date

16 August 2000

Deposit Account User ID

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 SEP 19 2000  
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**ROBERT E. BUSHNELL**

LAW OFFICES

1522 K ST., NW, SUITE 300  
WASHINGTON, DC 20005-1202  
(202) 638-5740CITIBANK, F.S.B.  
WASHINGTON, DC 20036-0967

15-7011/2540

37108

8/16/2000

PAY TO THE  
ORDER OF**Commissioner Of Patents & Trademarks**

\$\*\*40.00

Forty and 00/100

DOLLARS

**Commissioner of Patents and  
Trademarks****Washington, D.C. 20231****Box: Missing Parts****P56147**

MEMO

**Serial No. 09/611,957/ Assignment Fee**

⑈037108⑈ ⑆254070116⑆ ⑈6678 5812⑈

SECURITY FEATURES INCLUDED. DETAILS ON BACK.

THE FACE OF THIS DOCUMENT HAS A COLORED BACKGROUND ON WHITE PAPER

**ROBERT E. BUSHNELL**

LAW OFFICES

1522 K ST., NW, SUITE 300  
WASHINGTON, DC 20005-1202  
(202) 638-5740CITIBANK, F.S.B.  
WASHINGTON, DC 20036-0967

15-7011/2540

37107

8/16/2000

PAY TO THE  
ORDER OF**Commissioner Of Patents & Trademarks**

\$\*\*820.00

Eight Hundred Twenty and 00/100

DOLLARS

**Commissioner of Patents and  
Trademarks****Washington, D.C. 20231****Box: Missing Parts****P56147**

MEMO

**Serial No. 09/611,957/ Missing Parts Fee**

⑈037107⑈ ⑆254070116⑆ ⑈6678 5812⑈

SECURITY FEATURES INCLUDED. DETAILS ON BACK.



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Su-Jong JUNG

Serial No.: 09/611,957

Filed: 6 July 2000

For: *METHOD FOR ENHANCING THE IMAGE QUALITY OF AN IMAGE  
FORMING APPARATUS*



Examiner: *To Be Assigned*

Art Unit: *To Be Assigned*

**TRANSMITTAL OF DECLARATION**

The Assistant Commissioner  
of Patents  
Washington, D.C. 20231

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Sir:

Accompanying this transmittal is a Declaration for the above-referenced application.

Respectfully submitted,

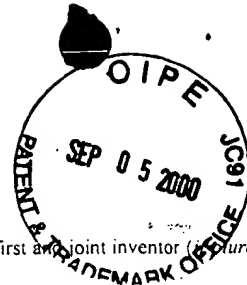
\_\_\_\_\_  
Robert E. Bushnell  
Reg. No.: 27,774  
Attorney for the Applicant

1522 "K" Street, N.W., Suite 300  
Washington, D.C. 20005-1202  
(202) 408-9040

Folio: P56147  
Date: 8/16/00  
I.D.: REB/x1

## DECLARATION

Docket No. P56147



AS A BELOW NAMED INVENTOR, I hereby declare that:  
 My residence, post office address and citizenship are as stated next to my name  
 I believe that I am the original, first and sole (if only one name is listed below), or an original, first and joint inventor (if plural names are listed below), of  
 the subject matter which is claimed and for which a patent is sought on the invention entitled:

# TITLE: METHOD FOR ENHANCING THE IMAGE QUALITY OF AN IMAGE FORMING APPARATUS

the specification of which either is attached hereto or otherwise accompanies this Declaration, or:

☒ was filed in the U.S. Patent & Trademark Office on JULY 6, 2000 assigned Serial No 09/611957.

☐ and (if applicable) was amended on \_\_\_\_\_

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability and to the examination of this application in accordance with Title 37 of the Code of Federal Regulations • 1.56. I hereby claim foreign priority benefits under Title 35, U.S.C. Code • 119(a)-(d) or • 365(b) of any, foreign application(s) for patent or inventor's certificate, or • 365(a) of any PCT International application which designated at least one country other than the United States, or • 119(e) of any United States provisional application(s), listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

27215/1999  
 (Application Number)

Republic of Korea  
 (Country)

07/JULY/1999  
 (Day/Month/Year filed)

Priority Claimed:  
 Yes[ ☒ ] No[ ☐ ]

(Application Number)

(Country)

(Day/Month/Year filed)

Yes[ ☐ ] No[ ☐ ]

I hereby claim the benefit under Title 35, U.S.C. Code, • 120, of any United States applications(s), or • 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application(s) in the manner provided by the first paragraph of Title 35, U.S. Code, • 112, I acknowledge the duty to disclose information material to patentability as defined in Title 37. The Code of Federal Regulations, • 1.56(a) which became available between the filing data of the prior application and the national or PCT international filing data of this application:

(Application Serial No.)

(Filing Date)

(STATUS: patented, pending, abandoned)

(Application Serial No.)

(Filing Date)

(STATUS: patented, pending, abandoned)

I hereby revoke all previously granted powers of attorney and appoint the following attorneys: Robert E. Bushnell, Reg. No. 27,774, Michael D. Parker, Reg. No. 34,973, and Henry M. Zykorie, Reg. No. 27,477, to prosecute this application and to transact all business in the U.S. Patent & Trademark Office connected therewith and with any divisional, continuation, continuation-in-part, reissue or re-examination application, with full power of appointment and with full power to substitute an associate attorney or agent, and to receive all patents which may issue thereon, and request that all correspondence be addressed to:

Robert E. Bushnell

Attorney-at-Law

Suite 300, 1522 "K" Street, N.W.

Washington, D.C. 20005-1202

Payor No. 008439

Area Code: 202-638-5740

I HEREBY DECLARE that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under • 1001 of Title 18 U.S. Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF FIRST OR SOLE INVENTOR: Su-Jong JUNG

Citizenship: Republic of Korea

Inventor's signature: [Signature]

Date: August 12, 2000

Residence & Post Office Address: 259 Kongdan-dong, Kumi-shi, Kyungsangbuk-do, Republic of Korea

FULL NAME OF SECOND JOINT INVENTOR: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Inventor's signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence & Post Office Address: \_\_\_\_\_

FULL NAME OF THIRD JOINT INVENTOR: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Inventor's signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence & Post Office Address: \_\_\_\_\_

FULL NAME OF FOURTH JOINT INVENTOR: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Inventor's signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence & Post Office Address: \_\_\_\_\_

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 SEP 18 2000  
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P56147

16 August 2000

Applicant: Su-Jong JUNG

Serial No.: 09/611,957

Filed: 7 July 2000



For: *METHOD FOR ENHANCING THE IMAGE QUALITY OF AN  
IMAGE FORMING APPARATUS*

Document filed:

1. Certified Priority Documents (No. 99-27215 filed on 7/7/99) and Claim of Priority
2. Transmittal of Declaration and Declaration
3. Assignment and PTO-1595 Form
4. Fee Transmittal and checks #37107 & 37108 in amount of \$820.00 & \$40.00



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